

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. RAP04 P-574C	SERIAL NO.
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	APPLICANTS: Frank W. Veit et al.	
(Use several sheets if necessary)	FILING DATE	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE
<i>DM</i>	5 1 2 7 5 1 0	11/1992	Nitschke et al.	198	349-95	
	5 1 2 7 5 1 0	07/1992	Cotter et al.	198	372	
	5 0 8 9 1 2	08/1991	Cotter	198	370	
	5 5 8 8 5 2 0	12/1996	Affaticati et al.	198	370.06	
	5 7 2 8 1 4	03/1998	Owczarzak et al.	198	890	
	6 1 3 9 2 4 0	10/2000	Ando	414	267	
<i>DM</i>	5 9 6 7 2 8 9	10/1999	Kelsey	198	370.02	
	5 9 2 7 4 6 6	07/1999	Rowley	198	370.03	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLA- TION
						Y N
	0 7 6 1 5 7 0	03/1995	Japan			x
	9 - 1 8 3 5 1 7	07/1997	Japan			x

OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
	<p>Photograph taken from a lateral side of a pusher shoe which surrounds a corresponding slot. The corresponding slot is not shown, but has an outer surface configuration that substantially conforms to the interior surface of the illustrated shoe. The shoe in the photograph should be considered prior art under 35 U.S.C. § 102(b) to the present application.</p> <p>Hesselink (Verploegen), Rhonda J. (inventor in present application), undergraduate thesis entitled "Theoretical and Practical Application of Linear Motors in Linear Positive Package Sorting Machines," Jun., 2000.</p>

EXAMINER <i>DM</i>	DATE CONSIDERED <i>9/20/04</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

NO COPIES PROVIDED

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. RAP04 P-574C	SERIAL NO.
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	APPLICANTS: Frank W. Veit et al.	
	FILING DATE	GROUP
(Use several sheets if necessary)		

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE
DM	5 16 1 3 5 9 1	03/1997	Heit, et al.	198	370, 02	
	5 4 2 7 2 2 3	06/1995	Van Den Goor	198	365	
	5 4 0 9 0 9 5	04/1995	Hoshi et al.	198	372	
	5 2 8 5 8 8 6	02/1994	Ostholt, Rüdiger et al.	198	370	
	4 7 3 2 2 6 0	03/1988	Canziani	198	365	
	3 8 0 7 3 1 4	04/1974	Slemmons	104	148 R	
	4 7 7 0 2 9 1	09/1988	Shaw	198	851	
DM	4 9 3 2 5 1 5	06/1990	Stöhr	198	822	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLA- TION
						Y N
	9 1 8 3 5 1 8	07/1997	Japan			x
	9 - 1 1 0 1 4 9	04/1997	Japan			x

OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	Commonly assigned U.S. patent application Ser. No. 10/284,591, filed on October 31, 2002, entitled CONVEYOR SYSTEM WITH DIVERTING TRACK NETWORK (RAP04 P-628B)
---------------------	--

EXAMINER	D. J. Hess	DATE CONSIDERED	9/20/04
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

NO COPIES PROVIDED

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. RAP04 P-574C	SERIAL NO.
	APPLICANTS: Frank W. Veit et al.	
	FILING DATE	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE
<i>BMO</i>	6 2 9 2 7 1 0 181	09/2001	Bonnet	700	230	
<i>✓</i>	5 2 9 5 5 6 8	03/1994	Saito et al.	198	330	
<i>✓</i>	4 6 7 5 5 8 2	06/1987	Hommes et al.	118	38	
<i>✓</i>	4 8 0 0 8 1 8	01/1989	Kawaguchi et al.	104	290	
<i>✓</i>	4 9 7 3 8 9 2	11/1990	Murata et al.	318	335	
<i>✓</i>	3 3 6 1 2 4 7	01/1968	Lauzon et al.	198	38	
<i>✓</i>	5 4 3 5 4 2 9	07/1995	Van Den Goor	198	890-11	
<i>BMO</i>	5 6 5 7 8 5 8	08/1997	Van Den Goor	198	890	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLA- TION
						Y N
<i>✓</i>	9 5 2 9 0 9 1 4	11/1997	Japan			x
	9 - 5 2 6 2 1	02/1997	Japan			x

OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	

EXAMINER <i>As New</i>	DATE CONSIDERED <i>9/20/04</i>
EXAMINER'S Initial citation considered whether or not citation is in conformance with the MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

(Form PTO-1449 [6-4])

NO COPIES PROVIDED

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. RAP04 P-574C	SERIAL NO.
	APPLICANTS: Frank W. Veit et al.	
	FILING DATE	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE
<i>DM</i>	5 9 0 9 7 9 7	06/1999	Van Den Coor	198	370.02	
<i>DM</i>	5 1 9 9 5 4 8	04/1993	Tanaka et al.	198	502.4	
<i>DM</i>	5 2 1 8 2 7 7	06/1993	Patterson et al.	318	135	
<i>DM</i>	5 9 7 5 2 7 7	11/1999	Skarlupka	198	370.04	
<i>DM</i>	3 4 2 6 8 8 7	02/1969	Ward et al.	198	177	
<i>DM</i>	3 7 8 8 4 4 7	01/1974	Stephanoff	198	41	
<i>DM</i>	5 1 7 2 8 0 3	12/1992	Lewin	198	619	
<i>DM</i>	5 0 8 8 5 9 3	02/1992	Lewin	198	619	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLA- TION
						Y N
	4 2 2 3 9 2 1	08/1992	Japan			Abstract Only
	7 - 3 1 5 5 6 1	12/1995	Japan			Abstract Only

OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	

EXAMINER <i>DM</i>	DATE CONSIDERED <i>9/20/04</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

(Form PTO-1449 [6-4])

NO COPIES
PROVIDED

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. RAP04 P-574C	SERIAL NO.
	APPLICANTS: Frank W. Veit et al.	
	FILING DATE	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE
<i>DM</i>	4 5 12 6 2 7 1	07/1985	Finnigan	198	648	
	4 1 3 8 0 0 8	02/1979	Del Rosso	198	365	
	4 7 6 0 9 0 8	08/1988	Houghton	198	365	
	5 1 6 7 3 1 5	12/1992	Doane	198	370	
	5 1 9 1 9 5 9	03/1993	Leemkul	198	372	
	5 3 3 3 7 1 5	08/1994	Sapp	198	372	
	6 5 1 3 6 4 2	02/2003	Shearer Jr. et al.	198	370.02	
<i>DM</i>	6 4 7 8 1 4 4	11/2002	Sweazy	198	890	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLA- TION
						Y N
	0 1 0 3 5 1 8	04/2000	Japan			Abstract Only
	8 - 3 1 9 0 2 1	12/1996	Japan			Abstract Only

OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	

EXAMINER <i>Dls Wers</i>	DATE CONSIDERED <i>9/20/04</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

 NO COPIES
 PROVIDED

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. RAP04 P-574C	SERIAL NO.
	APPLICANTS: Frank W. Veit et al.	
	FILING DATE	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLA- TION
						Y N
	0 1 8 6 9 9	04/2000	Japan			
	11 - 1 9 3 1 2 8	07/1999	Japan			x
	7 3 2 3 5 9 1 1	12/1995	Japan			x
	Title: CONVEYOR SYSTEM WITH LATERAL MOTION CAPABILITY (Inventor: A. Kimura)		10/1986	Japan		x
	57 1 1 2 2 2 3	07/1982	Japan			x
	2 - 8 6 9 2 3	07/1990	Japan			x
	0 6 0 2 6 9 4 B	03/1998	EPO			
	0 7 9 2 8 2 4	07/2000	EPO			
	0 2 2 0 2 7 A	03/1987	EPO			

OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	

EXAMINER	<i>John Hess</i>	DATE CONSIDERED	<i>9/20/04</i>
EXAMINER Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

NO COPIES PROVIDED

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. RAP04 P-574C	SERIAL NO.
	APPLICANTS: Frank W. Veit et al.	
	FILING DATE	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLA- TION
						Y N
	0 0 / 6 8 1 2 5	11/2000	World			Abstract Only
	0 0 / 4 8 7 3 9	08/2000	World			
	0 0 / 6 4 8 5 9	12/1998	EPO			
	4 3 4 2 8 5 1	09/1995	Germany			x
	0 4 4 4 7 3 4	05/1994	EPO			
	2 2 4 2 4 0 9	10/1991	UK			
	2 0 5 7 3 8 1	04/1981	UK			
	2 7 4 5 2 9 8	01/1987	Germany			x
	1 9 8 5 2 9 6	05/2000	Germany			x

OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	

EXAMINER <i>D. L. Ness</i>	DATE CONSIDERED <i>9/20/04</i>
EXAMINER: In each citation considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

(Form PTO-1449 (6-4))

NO COPIES PROVIDED